

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference FP11520	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/AU 99/00813</b>	International filing date ( <i>day/month/year</i> ) 24 September 1999	(Earliest) Priority Date ( <i>day/month/year</i> ) 25 September 1998
Applicant <b>THE UNIVERSITY OF QUEENSLAND</b>		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

#### 1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (See Box II).

4. With regard to the **title**, ☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**, ☒ the text is approved as submitted by the applicant

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☒ None of the figures

☐ because the applicant failed to suggest a figure

☐ because this figure better characterizes the invention

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU 99/00813

**A. CLASSIFICATION OF SUBJECT MATTER**Int Cl<sup>6</sup>: C07K 1/02, 1/04, 1/107, 5/12, 7/64

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

C07K 1/02, 1/04, 1/107, 5/12, 7/64

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

ORBIT (#keywords: cyclic, cycli:)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Derwent abstract Accession No.93-076437/09, Class B04, WO 9303056 A1 (KOLBECK W.) 18 February 1993	1-36
A	Derwent abstract Accession No.95-404082/51, Class B04, WO 9530694 A1 (ASTRA AB) 16 November 1995	1-36
A	Derwent abstract Accession No.96-279515/29, Class B04, EP 717048 A1 (HOECHST AG) 19 June 1996	1-36

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
1 November 1999

Date of mailing of the international search report

- 5 NOV 1999

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU 99/00813

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Derwent abstract Accession No.98-168442/15, Class B04, US 5721210 A (TANABE SEIYAKU CO.) 24 February 1994	1-36

# INTERNATIONAL SEARCH REPORT

## Information on patent family members

International application No.  
PCT/AU 99/00813

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
WO	9303056	AT	166359	AU	24203/92	AU	664855
		DE	69225597	EP	597997	JP	6510028
WO	9530694	AU	24583/95	AU	688040	BR	9507620
		CN	1147819	EP	763062	FI	964443
		HU	9603065	IL	113441	JP	10500404
		NO	964670	NZ	285476	PL	317049
		SE	9401596	SK	1365/96	US	5786447
		ZA	9503315				
EP	717048	AT	171711	AU	40340/95	AU	709360
		CA	2165039	CN	1132210	DE	4444260
		DE	59503776	ES	2124954	JP	8208694
		US	5869447				
US	5721210	CA	2087021	EP	538399	JP	5508860
		US	5192746	WO	9200995		

END OF ANNEX